

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
18 November 2004 (18.11.2004)

PCT

(10) International Publication Number  
**WO 2004/098328 A1**

(51) International Patent Classification<sup>7</sup>: **A41D 13/012**,  
B32B 5/18 // A41D 31:00

(21) International Application Number:  
PCT/GB2003/002022

(22) International Filing Date: 12 May 2003 (12.05.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (*for all designated States except US*): **SUN-  
DRIDGE TACKLE LIMITED** [GB/GB]; Vicarage Lane,  
Hoo, Rochester, Kent ME3 9LW (GB).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **CARROLL, John**  
[GB/GB]; Sundridge Tackle Limited, Vicarage Lane, Hoo,  
Rochester, Kent ME3 9LW (GB).

(74) Agent: **GILMOUR, David, C.**; Potts, Kerr & Co., 15  
Hamilton Square, Birkenhead, Merseyside CH41 6BR  
(GB).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,  
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,  
VC, VN, YU, ZA, ZM, ZW.

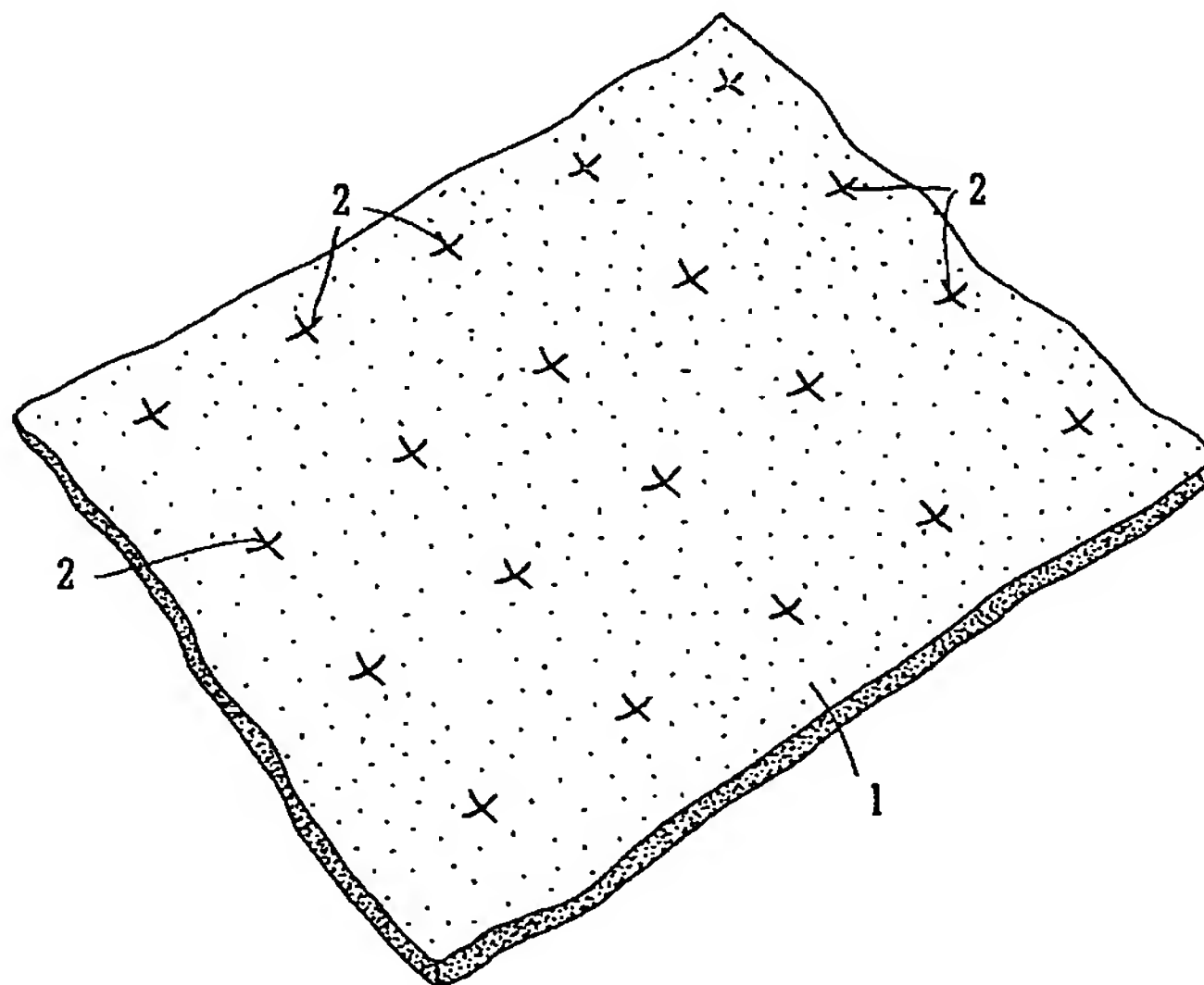
(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- with amended claims

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: **FOAM MATERIAL AND GARMENTS MADE THEREFROM**



(57) Abstract: A flexible or pliable closed cell foam material (1) in sheet form for forming at least part of a garment, characterized in that the foam material (1) has one or more slits or cuts and/or needle-punched holes (2) therein extending through the sheet from one surface to the other, in which the slits or cuts and/or needle-punched holes (2) are selected to be of a spacing and/or selected to be each of a shape and/or size and/or length as to minimize or not adversely affect the strength and/or shrinkage rate of the foam sheet such as regards the subjection to thermal stability testing and/or compression testing for buoyancy aids, and in which the side surfaces defining the slits and/or holes are normally in abutment and/or close proximity when the sheet is flat or unflexed and separate or press less against each other when flexed to allow air and/or water vapour to pass therethrough.

WO 2004/098328 A1